(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation. See text for further explanation of ratings in this table.)

and soil name	  Pct.   of  map  unit	reclamation mater 		Potential source   roadfill 		Potential source   topsoil 	of
				Rating class and   limiting features			Value
	ļ		ļ				ļ
Ad: Adrian, undrained		Wind erosion 	0.00    0.18 	saturated zone   	0.00 	saturated zone	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Am: Adrian, drained	 	Wind erosion 	0.00    0.18 	I	0.00 	saturated zone	1   0.00   1   0.00   1   1   1
Au: Aubbeenaubbee	 	Carbonate content     Too acid	0.68    0.84  0.88		0.04	  Fair   Depth to   saturated zone   	    0.04     
BlA:							į
Blount		Too clayey	0.00	t t	0.04	Poor   Too Clayey 	10.00
		I	0.46    0.78  0.88	Shrink-swell       		saturated zone	0.04    0.54 
B1B2:		 	 				
Blount	1	Carbonate content     Droughty   Low content of   organic matter   Water erosion	0.46    0.50  0.88	saturated zone   Shrink-swell   	0.04 	saturated zone   Hard to reclaim   Carbonate content 	0.20
Table ENG-2Constru	ction	MaterialsContinue	d	I	I	I	I
and soil name		reclamation mater		Potential source   roadfill	of	Potential source   topsoil 	of
				Rating class and   limiting features			
BoB: Boyer	   100   100   1	Wind erosion   Carbonate content   Low content of   organic matter	0.00  0.00  0.88	 	: ———                 		      0.00  0.18   
BoC: Boyer	  100         	Wind erosion   Carbonate content   Low content of   organic matter	0.00  0.00  0.88	 	 	Hard to reclaim	  0.00  0.18  0.96
BoD2:		 	I I	 	 	 	

Boyer	1100	Poor	1	Good	1	Poor	1
	1	Wind erosion	0.00	I	1	Rock fragments	10.00
	1	Carbonate content	0.00	I	1	Slope	10.00
	1	Low content of	0.88	1	1	Hard to reclaim	0.18
	1	organic matter		1	1	1	1
		Droughty	0.97	1	1	1	1
		I	1	1	1	1	1
Br:		I		I	1	I	1
Brady	90	Fair		Fair	1	Fair	1
	1	Low content of	0.88	Depth to	0.04	Depth to	0.04
		organic matter		saturated zone	1	saturated zone	1
		Too acid	0.97	I	1	Hard to reclaim	0.88
		Carbonate content	0.97	I		Rock fragments	0.94
		I		I		1	
Bx:		I		I		1	
Brookston	100	· ·				Poor	1
	1	Carbonate content	0.68	Depth to	10.00	Depth to	0.00
	1	I		saturated zone			
	1		0.99	Shrink-swell	10.99	No rock fragments	3 0.99
	1	limitation	1	I	1	I	1
	1	1				1	1
CcC3:							1
Casco	1100				!	Poor	
	!	Too sandy			!	Too sandy	
	!	Carbonate content			!	Rock fragments	
	!	Droughty			!	Carbonate content	
	!	Low content of	10.50	1	1	Hard to reclaim	10.50
	!	organic matter		I .	!		10 60
	1				1	Slope	10.63
ChB:	1	I I	-	I I	1		1
Chelsea	1100	  Poor		I Cood	1	Poor	1
Cheisea	1 1 0 0		10.00		1	Too sandy	10.00
	1		10.00	· ·	1	1 100 Sandy	10.00
	i		10.12		1		i
	i	organic matter			1	1	i
	i	Droughty			1		i
	i	Droughey	10.71		1		i
Table FNG-2 Constru	ction	MaterialsContinue	d	1		1	

Table ENG-2.--Construction Materials--Continued

and soil name	  Pct.   of  map  unit	Potential source of   reclamation material		Potential source   roadfill 	of	Potential source of topsoil		
	i i i	Rating class and   limiting features		Rating class and   limiting features				
ChC: Chelsea		Too sandy Wind erosion Droughty	0.00  0.00  0.03  0.12	I I	 	•	     	
CrA: Crosier	   90           	Carbonate content	0.68    0.86  0.88	saturated zone     	0.04	saturated zone	       0.04       0.90 	
Ed: Edwards	  100       		0.00	saturated zone	0.00	Poor   Depth to   saturated zone   Content of   organic matter	10.00	
Em: Edwards	  100       		0.00 	  Poor   Depth to   saturated zone   	0.00	  Poor   Depth to   saturated zone   Content of   organic matter	10.00	
FoA: Fox	90         	  Poor   Carbonate content   Low content of   organic matter   Too acid	0.00	I I	:             	  Fair   Hard to reclaim   Rock fragments   	  0.50  0.94 	
FoB: Fox	  100   	  Poor   Carbonate content   Low content of   organic matter	0.00	  Good     	 	  Fair   Hard to reclaim   Rock fragments 	    0.50  0.94	

		Too acid	0.97				
C2:	l I	 	I I	 	l I	[ ]	 
	100	Poor	i	Good	İ	  Fair	i
		Carbonate content				Hard to reclaim	
		Low content of   organic matter				Rock fragments	0.94 
		Too acid			i		0.96
	Ι.	I	I		I	1	I
ole ENG-2Construc	ction	MaterialsContinue	d				
Map symbol	  Pct.	   Potential source	of	   Potential source	of	   Potential source	of
	of  map  unit	I		roadfill   		topsoil   	
				Rating class and   limiting features			
sD2:		 	i	i I	i ———		i 
Fox			10.00			Poor	10 00
		Carbonate content   Low content of				Slope   Hard to reclaim	10.00
		organic matter			1	I	10.30
į		Too acid	0.97		Į.		0.94
3860	20			  Cood			1
Casco		Poor   Too sandy	I 10.00	Good			10.00
	l	Carbonate content	0.00	L		Rock fragments	
į	1	Droughty	0.22	I	I	Carbonate content	0.00
	 	Low content of   organic matter		1	I	Slope	0.00 
	 	organic matter	 	1 	 	   Hard to reclaim 	
sE2:	I	I	İ	İ	i I		İ
`ox							10.00
		Carbonate content   Low content of				Slope   Hard to reclaim	0.00  0.50
		organic matter Too acid	I	I	I	l	
	l I			 	I 	Rock fragments 	0.94 
asco		Poor		Fair		Poor	i
		Too sandy					0.00
		Carbonate content   Droughty				Too sandy   Rock fragments	10.00
		Droughty   Low content of				Rock fragments   Carbonate content	
i	l I	organic matter		 			
: 'ulton	   90	  Poor	 	  Poor	 	  Poor	1
410011		Too clayey					1  0.00
İ	l	I		saturated zone	I	I	
			0.68 	Shrink-swell		Depth to   saturated zone	10.00
	! 	Low content of		! 	! 	Sacuraced Zone	i I
	i	organic matter	1	L	i		i
	l I	No water erosion   limitation	0.99 	I I	 	 	1
£.			İ		İ		
f: Gilford	l I 75	  Fair	I I	  Poor	 	  Poor	l I
	 I	Low content of	0.12	Poor   Depth to		Depth to	0.00
				saturated zone			!
): 	l I	 	I I	I I	l I	 	I I
o: Pits	! 	  Not rated	 	  Not rated		  Not rated	i
	I	I	I	I	I	I	I
aλ.		  -					
aA: Haskins	ı I 90	ı  Fair	 	  Fair	 	  Fair	i
-		Low content of	0.75	Depth to	0.04	Depth to	
		organic matter		saturated zone		saturated zone	
	l I	Too clayey   Too acid	10.82	Shrink-swell	ιυ.89 Ι	нага to reclaim   Too Clavev	U.10  0 57
		No water erosion			İ	100 Clayey	
i	l	limitation	İ	Į.	Į.	ļ	I
able ENG-2Construc	l ction		l d	I	I	I	I
		Potential source	of	Potential source	of	Potential source	of
		reclamation mater		roadfill		topsoil	
Map symbol and soil name		I		I .		 	
Map symbol and soil name	map	I .				i .	
Map symbol and soil name		 					
Map symbol and soil name	map  unit   	   Rating class and		 			
Map symbol and soil name	map  unit   	   Rating class and		   Rating class and   limiting features			

Homer	90       	Poor   Carbonate content     Low content of   organic matter	  0.88	Depth to   saturated zone	I	Depth to	
Hm: Houghton, undrained-	   75         	Wind erosion		  Poor   Depth to   saturated zone 	l I	Depth to saturated zone	0.00
Ho: Houghton, drained		  Poor   Wind erosion     			0.00	  Poor   Depth to   saturated zone   Content of   organic matter	0.00
La: Lake Borders	  100 	  Not rated   	     	  Not rated   	     	  Not rated   	 
Ma: Marl Beds	    100 	    Not rated 	 	    Not rated 	 	  Not rated 	
Mb: Marsh	    100	    Not rated 	     	    Not rated 	 	    Not rated 	 
MdB: Martinsville	İ	  Fair   Carbonate content   Low content of   organic matter   Too acid	0.46 0.88	 		  Good       	 
MeB: Metea	           	Wind erosion   Low content of   organic matter   Too sandy	0.00  0.12    0.14  0.44  0.68			  Fair   Too sandy         	    0.14       
Table ENG-2Construc	l ction	   MaterialsContinue	] d	I		I	1
and soil name		I			of	Potential source   topsoil 	of

					of	   Potential source   topsoil 	of
	i i i	Rating class and   limiting features		Rating class and   limiting features		Rating class and limiting features	
MfB2: Miami	    100			    Fair   Depth to		    Fair   Too Clayey	      0.70
		Too acid  Low content of organic matter Too clayey No water erosion	  0.88    0.98	 	           	Depth to   saturated zone   Hard to reclaim	
MfC2: Miami	    100	      Fair		      Fair		      Fair	
			  0.84  0.88    0.98	 	0.98             	Ι	  0.96  0.98
MfD2: Miami	  100               		  0.84  0.88    0.98	Depth to saturated zone		   Too Clayey	

	1	I	1	1	1		
MfE2:	1	I	1	I	1	1	
Miami	- 100	Fair	1	Fair	1	Poor	
		Carbonate content	10.68	Slope	0.18	Slope	0.00
		Too acid	0.84	I	1	Too Clayey	10.70
		Low content of	0.88	1	1	Hard to reclaim	10.99
		organic matter	1	1	1	1	
	- 1	Too clayey			1		
	- 1	No water erosion	10.99	1	1		
		limitation		1			
	- 1	I	1	1	1		
MgC3:	1	I .	1	I .	1	1	
Miami	- 100	t t		Fair	1	Fair	
	- !	Carbonate content	10.68		0.98	Hard to reclaim	10.54
	- !	!		saturated zone	!		
		Too acid	0.84	·	1	Too Clayey	10.70
	1	Droughty	0.87	I	1	Slope	10.96
	1	Low content of	0.88	1	1	Depth to	0.98
	1	organic matter	1	1	1	saturated zone	
	1	Too clayey	0.98	1	1	1	
	- !	No water erosion	0.99	1	!		
		limitation		!	1	1	
m 1 1 mm 0 c :	1		1	I	1	I	1
Table ENG-2Constr	uction	MaterialsContinue	d				
M	I Dec	   D-++:-1		   D-++i-1		   D-++i-1	
Map symbol	Pct.			Potential source	OT	Potential sourc	e or
and soil name	of		Tal	roadilli		topsoil	
	map	1		I		1	

Map symbol and soil name						Potential source topsoil	e of
	i   	Rating class and   limiting features	Value   	Rating class and   limiting features	Value   	Rating class and limiting features	Value   
IgD3:		 	 	 			1
Miami	- 100   	Carbonate content	  0.68 	Fair   Depth to   saturated zone	0.89	Poor   Slope	10.00
		Too acid   Droughty   Low content of   organic matter   Too clayey   No water erosion	0.84  0.87  0.88 	 	 	Hard to reclaim Too Clayey Depth to saturated zone	0.70  0.89
hA: Miami	1	    Pair	 	'    Fair		Fair	į
	 	Carbonate content   Too acid   Low content of   organic matter   Too clayey   No water erosion	0.68  0.84  0.88    0.98  0.99	Shrink-swell   	0.99		0.70  0.95       
Miami	 - 100	  Poor	l I	  Fair	 	  Fair	1
		Carbonate content   Too acid   Low content of   organic matter   Too clayey   No water erosion   limitation	0.84  0.88    0.98	 	0.99             	Too Clayey Hard to reclaim	0.70  0.95       
n: Milford	 - 100	  Poor	l I	  Poor		Poor	
		Carbonate content	0.32	Depth to   saturated zone   Shrink-swell	1	saturated zone	0.00    0.00
rB2:		İ	İ	İ			
Morley	İ	Too clayey Carbonate content	0.00  0.46	Shrink-swell   Depth to	0.59  0.98	Depth to	10.00
	 	Low content of   organic matter   Water erosion	0.88 	 			  0.99     
IrC2: Morley	 - 100	    Poor	 	'    Fair		Poor	į
2		Too clayey   Carbonate content	0.00  0.46	Shrink-swell	0.59	Too Clayey Slope	0.00
	1	Low content of organic matter Water erosion	0.88 	 	 	Depth to saturated zone	0.98
	į	l	1 1 10.99	l		reclaim	

Map symbol   and soil name	Pct.						of
		Rating class and limiting features					
MrD2:							ļ
Morley	100	  Poor		  Fair		Poor	 
_	 	Too clayey   Carbonate content	0.00  0.46	Shrink-swell   Depth to		Too Clayey Slope	0.00  0.00
		Low content of   organic matter	0.88 	 	 	Depth to saturated zone	
	i	Water erosion     Droughty	i	 	 	Not hard to reclaim	0.99   
			İ	į	į į		İ
MsC3:     Morley	  100	  Poor	l I	  Fair		Poor	 
i 		Too clayey   Carbonate content	0.00	Shrink-swell   Depth to	0.74	Too Clayey Hard to reclaim	
	 	   Droughty	  0.51	saturated zone 		Slope	  0.96
İ	l I	Droughty Low content of organic matter	0.88	 	i i	Depth to saturated zone	0.98 
IsD3:	 	 	 	 			I I
Morley	100	Poor		Fair	10.71	Poor	1
		  Poor   Too clayey   Carbonate content					
i	l	Droughty	0.51	ļ		Hard to reclaim	10.46
	 	Droughty   Low content of   organic matter	0.88   	 		Depth to saturated zone	0.98   
ItE:			İ				
tEE: Morley	100 	Fair   Droughty	l 10.44	Fair   Slope	I I0.18	Poor   Slope	10.00
i	İ	Carbonate content	0.46	Shrink-swell	0.75	Hard to reclaim	0.20
	 	Too clayey	10.82	 		Carbonate content	0.46  0.59
i	İ	organic matter		į			
luC2:		 	l I	 			 
Morley	40 	Poor Too clayey Carbonate content Low content of organic matter Droughty Fair	10.00	Fair   Shrink-swell	0.59	Poor Too Clayey	10.00
	l I	Carbonate content 	0.46 	Depth to   saturated zone	0.98 		
!	 	Low content of	0.88 	 		Depth to saturated zone	0.98 
	 	Droughty	0.99 	 	i i	Not hard to reclaim	
Miami	1 30	  Fair	l I	  Pair		   Fair	  -
MIANUI	l	Carbonate content	0.46	Depth to	0.98	Too Clayey	0.70
	 	   Too acid   Low content of   organic matter   Too clayey   No water erosion	  0.84	saturated zone 			  0.96
!		Low content of	0.88	 		Slope   Depth to   saturated zone	
	İ	Too clayey	0.98			Hard to reclaim	
		No water erosion   limitation			 		 
able ENG-2Construc	ction	MaterialsContinue	d	I	1		I
				1			
	  Pct.	   Potential source	of	   Potential source	of	Potential source	of
and soil name		reclamation mater:	ial	l roadfill		topsoil	
				1			
	map  unit			 			
	map  unit 	 		 		Rating class and	Value
	map  unit   		Value	  - 	Value		
Rawson	map  unit             30	Rating class and limiting features	Value   	Rating class and I limiting features	Value	limiting features	   
Rawson	map  unit               30	Rating class and limiting features	Value          0.00		Value   	limiting features  Fair Hard to reclaim	   
Rawson	map  unit            30	Rating class and limiting features  Poor Wind erosion  Low content of	Value   	Rating class and I limiting features I limiting features I limiting features I limit	Value   	limiting features  Fair Hard to reclaim  Depth to	      0.71    0.76
Rawson	map  unit               30   	Rating class and limiting features  Poor Wind erosion  Low content of organic matter Too acid	Value   	Rating class and limiting features	Value   	limiting features  Fair Hard to reclaim  Depth to saturated zone Rock fragments	     0.71    0.76    0.94
Rawson	map  unit             30   	Rating class and limiting features  Poor Wind erosion  Low content of organic matter	Value   	Rating class and limiting features	Value   	Fair Hard to reclaim  Depth to saturated zone Rock fragments Slope	 
Rawson	map  unit                             	Rating class and limiting features  Poor Wind erosion  Low content of organic matter Too acid No water erosion limitation	Value   	Rating class and limiting features	Value   	Fair Hard to reclaim  Depth to saturated zone Rock fragments Slope	 

	 	Carbonate content   Too sandy   Low content of   organic matter   Too acid	0.44  0.88		 	Hard to reclaim   Rock fragments   	
OsC: Oshtemo	 	Poor   Wind erosion   Carbonate content   Too sandy   Low content of   organic matter   Too acid	0.00  0.00  0.44  0.88			Hard to reclaim   Rock fragments	
OtA: Oshtemo		  Poor   Carbonate content   Low content of   organic matter   Too acid	0.00  0.88	i I	İ	  Fair   Hard to reclaim   Rock fragments   	
Pb: Palms	 	Too sandy 	  0.00 	Depth to   saturated zone   	0.00     	Poor   Too sandy   Depth to   saturated zone   Content of   organic matter	10.00
PdA: Parr	l l	Carbonate content	0.92 	  Fair   Depth to   saturated zone 	0.98		
Pe: Pewamo	į Į	Too clayey 	I	  Poor   Depth to   saturated zone   Shrink-swell		Depth to   saturated zone	
Table ENG-2Constru	 ction	   MaterialsContinue	l d	I	I	I	ı
and soil name		reclamation mater		Potential source   roadfill 			of
				Rating class and   limiting features			

and soil name	Pct.  Potential source of   of   reclamation material  map    unit				of	   Potential source   topsoil 	of
	 			   Rating class and   limiting features			
RaB:	<u> </u>		i	'   	i		; <del></del>
Rawson	1100	Fair	i	Fair	i	Fair	i
	i I	Low content of	0.88	Depth to			0.71
	 	Too acid	0.97	Shrink-swell	0.87 	Depth to saturated zone	
	l I	 	1	 	1	Rock fragments	0.94
RaC2:	i	I	i	i İ	i		i
Rawson	100			Fair		Fair	1
	 	organic matter	1	saturated zone		Hard to reclaim 	0.71 
	 	Too acid 	0.97 	Shrink-swell 		saturated zone	
	 	[ [	 	 	 	Rock fragments   Slope	0.94  0.96
RbA:	 	 	1	 		 	1
Rawson	100	Fair	1	Fair		Fair	1
	 			Depth to   saturated zone		Hard to reclaim 	0.71 
	 	Too acid 	0.97 	Shrink-swell 		Depth to   saturated zone	0.76 
	 	No water erosion   limitation	0.99 	 	 	Rock fragments 	0.94 
RbB:	 	 	1	 		 	1
Rawson	100	  Fair	i	  Fair	i	Fair	i
	 		0.88	Depth to saturated zone		Hard to reclaim	0.71 
	 	Too acid 	0.97 	Shrink-swell 	0.87 	Depth to   saturated zone	0.76 
	 	No water erosion   limitation	0.99 	 	 	Rock fragments 	0.94 
RdB2:			[				1
Rawson	1 40	ı IFair	1	  Fair	1	  Fair	1
		Low content of				Hard to reclaim	0.71

	 	Too acid			0.87	   Depth to   saturated zone	  0.76 
	 	No water erosion I limitation					0.94 
Miami		Carbonate content	0.46		0.98		    0.70
		Too acid 	0.84 	 	 	Depth to saturated zone	0.98 
	 	Low content of   organic matter   Too clayey   No water erosion   limitation	  0.98  0.99	 	       	Hard to reclaim       	0.99       
Table ENG-2Constru	 ction	   MaterialsContinue	l d		I		I
and soil name				Potential source   roadfill 	of	Potential source   topsoil 	of
		Rating class and limiting features					
Morley	1	Too clayey Carbonate content	0.00  0.46    0.88	Shrink-swell   Depth to   saturated zone 	0.59  0.98 	Depth to   saturated zone	      0.00  0.98    0.99
Re: Rensselaer	  100       	Carbonate content	0.46 	  Poor   Depth to   saturated zone   Shrink-swell	I	Depth to   saturated zone	    0.00   
	 	Carbonate content   Low content of   organic matter	0.68  0.88	 		  Good 	 
RsB: Riddles	 	Carbonate content   Low content of   organic matter	0.68  0.88	 		  Good  -  -	           
	100       		0.68  0.88	 		  Fair   Slope   	    0.96     
RsD2: Riddles	100       	İ	    0.68  0.88	 		  Poor   Slope   	    0.00     

Table ENG-2.--Construction Materials--Continued

Sh: Shoals--

	T		T			
Map symbol	Pct.	Potential source of	- 1	Potential source of	-1	Potential source of
and soil name	of	reclamation material		roadfill		topsoil
	map					
	Lunitl		- 1		1	

No water erosion | 0.99 | Depth to limitation | saturated zone

Carbonate content | 0.00

Poor

Fair

Depth to saturated zone No shrink-swell limitation

Poor

Fair

|0.04 | Depth to | saturated zone

| Depth to saturated zone Rock fragments

Hard to reclaim |0.50 Carbonate content|0.97 Hard to reclaim |0.99

0.04

0.00

0.99

	1	I		I		1	
	l I	Rating class and limiting features		Rating class and limiting features			
	!	<u> </u>	!	!	!	<u> </u>	<del> </del>
To: Toledo	1100		 				
	 	I		Depth to   saturated zone			1
	 	Carbonate content 	0.92   	Shrink-swell 	10.32	Depth to   saturated zone 	0.00 
W: Water	100	    Not rated	i I	  Not rated	 	  Not rated	İ
Wa:	 	 	 	 	 	 	
Wallkill	1100	  Fair	i	l Poor	i	Poor	i
	İ	Too acid		Depth to			0.00
	 	   No water erosion   limitation		saturated zone    -	 	saturated zone    -	
WrA:	l I	 	 	 		 	
Warsaw	100	Fair	I	Good	1	Fair	1
		Low content of   organic matter			 	Hard to reclaim 	0.50 
	 	Carbonate content   Too acid			1	 	
Ws:		! 		 		 	
Washtenaw	100				1	Poor	
	 	Water erosion		Depth to   saturated zone			0.00 
	 	Carbonate content	10.92	Shrink-swell	0.85	 	
Wt:	İ	i I	İ	! 	İ	i I	i
Whitaker		Fair   Carbonate content	10.00		10.04		10.04
	I I			Depth to   saturated zone			10.04
	i I		0.88	Shrink-swell			į
	 	I I	I I	l 	 	I I	İ